

BRUTAR, V.

SOYKOVA-PACHNEROVA, E.; BRUTAR, V.; GOLOVA, B.

Increase of lactation. Prakt. lek., Praha 31 no.18:394-396
20 Sep 1951. (CJML 21:1)

1. Of the First Obstetrical Clinic (Head -- Prof. K. Klaus, M.D.)

CZECHOSLOVAKIA/Human and Animal Physiology. Lactation

T-10

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65594

Author : Pachnerova Eva, Brutar Vlastimil, Zvolaska Eva

Inst : -

Title : The Possibility of Augmenting Lactation.

Orig Pub : Lekar. listy, 1954, 9, No 1, 10-14

Abstract : No abstract

Card : 1/1

80

BRUTAR, V.

SOYKOVA-PACHNEROVA, Eva; BRUTAR, Vlastimil; ZVOLSKA, Eva

~~POSSIBILITY OF INCREASING OF MILK SECRETION IN LACTATION~~
Possibility of increasing of milk secretion in lactation; 2nd
communication. Cesk. gyn. 19 no.4:275-279 July 54.

1. Z I. por. klin., predn. prof. MUDr Karel Klaus.
(LACTATION, physiology
milk secretion increasing, results of exper.)

BRUTAR, Vlastimil, MUDr.

Clinical aspects on vaginal discharge. Cesk. gyn. 21 no.4: . . .
248-251 June 56.

1. I. gyn. klinika KU, Praha (prednosta prof. MUDr. K. Klaus).
 (LEUKORRHEA, therapy,
 antibiotics (Cz))
 (ANTIBIOTICS, therapeutic use,
 leukorrhea (Cz))

BRUTAR, Vlastimil

~~Pathogenesis and therapy of headache following lumbar puncture.~~
Cesk. gyn. 36 no.3:172-177 1957.

1. Gyn. klin. KU v Praze, prednosta prof. Dr. Karel Klaus.
(ANESTHESIA, SPINAL, compl.
headache, following lumbar puncture, pathogen. & ther. (Cz))
(HEADACHE, etiol. & pathogen.
lumbar puncture in spinal anesth., ther. (Cz))

BRUTAR, Vlastimil, MUDr.

BRUTAR, Vlastimil, MUDr.

Dyspareunia after prolapse surgery. Cesk. gyn. 22[36] no.6:454-458 1977.

1. I. gyn. kln-KU, Praha, prednosta prof. MUDr Karel Klaus.
(GENITALIA, FEMALE

prolapse, surg., causing dyspareunia (Cz))
(COITUS

dyspareunia caused by genital prolapse surg. (Cz))

BRUTAR, Vlastimil, MUDr. (gynekalogicka klinika, Praha II, Kerlovo nam. Vseob.
nemocnice)

Newer possibilities for obstetric analgesia. Cesk. gyn. 22[37] no.1/2:
18-22 Jan 58.

1. Gyn. por. klinika KU v Praze, prednosta prof. Dr. Karel Klaus.
(LABOR, anesth. & analgesia
anesth. mixture (Cz))

BRUTAR, Vlastimil

~~The 3d stage of drug-induced labor.~~ Cesk. gyn. 23[37] no.6:472-476
Aug 58.

1. I. por.-gyn. klin. KU v Praze, prednosta prof. Dr. K. Klaus, doktor
lek. ved. V. B., I. por. gyn. klin., Praha 2, U nemocnice 2.

(LABOR,

3d stage induced by oxytocin, management (Cz))
(OXYTOCIN, eff.

induction of 3d stage of labor (Cz))

BRUTAR, Vlastimil, C.Sc.

Labor after surgery of uterine prolapse. Cesk. gyn. 26 no.3:220-223
Ap '61.

1. I gyn. klin. KU v Praze, prednosta prof. K. Klaus, Dr. Sc.
(UTERINE PROLAPSE surg) (LABOR)

BRUTAR, Vlastimil, C. Sc.

Observations on the treatment of genital prolapse. Cesk. gynek. 26
no.9:689-692 N '61.

1. I gyn. klin. KU v Praze, prednosta prof. K. Klaus, Dr. Sc.

(UTERINE PROLAPSE surg)

BRUTAR, Vlastimil

SURNAME, Given Names

Country: Czechoslovakia

(2)

Academic Degrees: MUDr

Affiliation: Gynecological Clinic I, Charles University (I gynekologicka
klinika, KU), Prague; Chief (Prednosta): Prof Dr K Klaus

Source: Prague, Prakticky Lekar, Vol 41, No 17, 5 September 1961, pp 776-778

Data: "Prevention of Descent of the Female Genitals."

21

GPO 981643

BRUTAR, Vlastimil, CSc.

Notes on the technic of posterior plastic surgery. Cesk. gynek. 27
no.1/2:133-137 Mr '62.

1. I gyn. klin. KU v Praze, prednosta prof. K. Klaus, DrSc.

(VAGINA surgery) (UTERINE PROLAPSE surgery)

BRUTAR, Vl., CSc

Urinary incontinence after surgery in prolapse. Cesk. gynek. 27 no.9:
673-676 N '62.

1. I gyn.-por. klin. fak. vseob. lek. KU v Praze, prednosta prof.
dr. K. Klaus, DrSc.

(UTERINE PROLAPSE)

(URINARY INCONTINENCE)

VELVART, J.; HENDRICHOVA, E.; Technicka spolupraca BRUTENICOVA, M.

Study on some biochemical tests in experimental fural poisoning.
Prac. lek. 13 no.8/9:450-455 N '61.

1. Klinika chorob z povolania v Bratislave, prednosta prof. MUDr.
Milos Nosal.

(FURANS toxicol)

CZECHOSLOVAKIA

ZITKO, V; ROSIK, J; BRUTENI OVA, M; HUBALA, J.

Institute of Chemistry of the Slovak Academy of Sciences,
Bratislava (for all)

Prague, Collection of Czechoslovak Chemical Communications,
No 10, 1965, pp 3501-3511

"Some Structural Features of Apricot-Tree Gum (*Prunus
armeniaca* L.)."

BRUTENTS, Karen Nersesovich, kand. filos. nauk; LIVSHITS, Ya.L.,
red.; RAKITIN, I.T., tekhn. red.

[Colonialism without empires] Kolonializm bez imperii.
Moskva, Izd-vo "Znanie," 1963. 47 p. (Novoe v zhizni,
nauke, tekhnike. VII Seriya: Mezhdunarodnaia, no.22)
(MIRA 17:1)

BRUTER, I.; VOL'DMAN, V.

SZS-10 field unit for the preparation of poisonous chemical solutions. Trakt. i sel'khoz mash. no. 12:33-34 D '65.

(MIRA 18:12)

1. Gosudarstvennoye spetsial'noye konstruktorskoye byuro po mekhanizatsii rabot v sadakh i vinogradnikakh.

BRUTER, I.M.

Machine parts made of pipes. Standartizatsiia 26 no.2:33 F '62.
(MIRA 15:2)

(Pipe, Steel) (Machinery industry)

BRUTER, I.M.

Unit for the preparation of solutions. Zashch. rast. ot vred.
i bol. 9 no.10:23-29 '64 (MIRA 18:1)

1. Nachal'nik konstruktorskogo otdela gosudarstvennogo spetsial'nogo konstruktorskogo byuro Uchebnogo sovesha nogo khozyaystva, Kishinev.

BRUTHANS, J.

Effect of the technique of cultivation on the sugar-beet
yield. p. 1.

Československá akademie zemědělských věd. SBORNÍK, RADA
ZEMĚDELSKÁ EKONOMIKA

Vol. 28. No. 1, February, 1955

SOURCE: East European Accessions List (EEAL) Library
of Congress. Vol. 5, No. 1, January 1956.

BRUTHANS, J.

Determination of the outlay of labor in the Annual Production Plan
by means of tables issued by the Research Institute of Agricultural
Economics. p. 155. SBORNIK, RADA ZEMEDELSKA EKONOMIKA. Praha.
Vol. 29, No. 3 May 1956

SOURCE: East European Accessions List, (EEAL) Library of Congress
Vol. 5, No. 8, August 1956

BRUTHANS, V.

Bruthans, Vladimir Anallagmatic quaternary

1980

1. The first part of the book is devoted to the

history of the development of the theory of

the theory of the theory of the theory of the

theory of the theory of the theory of the

theory of the theory of the theory of the

F. A. Bruthans, Moscow

BRUTHANS, Zdenek, inz.

Connecting the MZ-2 type cement activation equipment to the
production line. Inz stavby 12 no. 6 Supl. Mechanizace no. 6:
81-87 '64.

1. Research Institute of Engineering Construction, Bratislava.

BRUTHANS, Z.

Czechoslovakia/Chemical Technology. Chemical Products and Their Application --
Silicates. Glass. Ceramics. Binders. I-9

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5300

Author: Bruthans, Z.

Institution: None

Title: Activation of Building Materials by Means of Wet-Grinding

Original

Publication: Stavivo, 1956, 34, No 5, 172-175

Abstract: Description of processes which take place on wet-grinding of cements, and of the principles of activation of building mortars. USSR practice data concerning use of vibratory mills, are cited.

Card 1/1

CZECHOSLOVAKIA/Chemical Technology. Chemical Products H
and Their Uses. Part II. Ceramics, Glass,
Binding Materials. Concrete.

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 51138

Author : Bruthans, Zdenek

Inst : -

Title : Concrete Laying by Introduction of Its
Solution into a Mixture of Fillers.

Orig Pub : Inzen. stavby, 1957, 5, No 11, 581-584

Abstract : Requirements for materials used, composi-
tion, solution preparation and means of
control are described. -- From the author's
resume.

Card : 1/1

CZECHOSLOVAKIA/ChemicalTechnology. Chemical Products and Their
Application. Ceramics. Glass. Binding Materials.
Concrete.

H-13

Obs Jour: Ref Zhur-Khim., No 2, 1959, 5587.

Author : Bruthans, Zdenek.

Inst :

Title : Concreting by Method of Introduction of Mix into Mixed
Aggregate.

Orig Pub: Inzen. stavby, 1957, 5, No 12, 633-638.

Abstract: See the beginning in RZhKhim, 1958, 51138.

Card : 1/1

BRUTHANS, Zdenek (Ing.)

Ing. Zdenek Bruthans, "Betone mit luftporenbildenden Zusaetzen in der Tschechoslowakischen Republik," Bauplanung-Bautechnik (Berlin), 12/3, March 1958, pp. 107-12.

Concretes Containing Air-Entrained Additions Made in the Czechoslovak Republic

The author is affiliated with the VUTMS (Research Institute for the Technology and Mechanization of Construction) in Bratislava.

BARTIA, R.; BRUTHANS, Z.

Use of differential thermal analysis in the research of activation
due to the vibration grinding. Silikaty 6 no.1:9-15 '62.

BRUTHANS, Z.; JAKUBEKOVA, D.

BRUTHANS, Z.

Application of surface-active addition substance in the technology of specific concretes. Epitoanyag 14 no.11:429-440 N '62.

BRUTHANS, Zdenek, inz.

Activated injection mixtures for prestressed concrete. Inz stavby
11 no.3:106-115 Mr '63.

1. Vyskumny ustav stavebnictva, Bratislava.

BARTA, Rudolf; BRÜTHANS, Zdenek

Examination of the effect of grinding on the structure of crystalline materials by means of the DTA method. Epitoanyag 15 no.4:113-119
Ap '63.

BRUTHANS, Zdenek, inz.

Cement activation by vibration grinding. Inz stavby 12
no.8:339-344 Ag '64.

1. Research Institute of Engineering Construction, Bratislava.

BRUTKEWSKI, Stefan

"Physiology of man and animals" by K.P. Gelisheva
and S.I. Galperin. Reviewed by Stefan Brutkowski.
Kosmos Biologia 11 no.2:183-186 '62

*

BRUTKO, L.I.; UTKIN, L.M.

New methods for the separation of alkaloids. Med. prom.
15 no.11:53-56 N '61. (MIRA 15:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskoy institut imeni S. Ordzhonikidze.
(ALKALOIDS)

BRUTKO, L.I.; MASSAGETOV, P.S.

Study of some indigenous species of heliotropes. Rast. res. 1
no. 4:541-544 ' 65 (MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevti-
cheskiy institut imeni S. Ordzhonikidze, Moskva. Submitted
December 20, 1964.

BRUTKOWSKA, Maria; DOROSZEWSKI, Marek

On the zoological and botanical nomenclature in A.B. Dobrowolski's
"Journal of Expeditions to the Antarctic." Kosmos biol 12 no.1:
99 '63.

Brutkowski, S.

KONORSKI, J.; STEPIEN, L.; BRUTKOWSKI, S.; LAWICKA, W.; STEPIEN, I.

Effect of partial removal of frontal and parietal lobes on
conditioned motor reflexes. Neurol. neurochir. psychiat. polska
2 no. 2:197-210 Mar-Apr 1952. (CLML 22:4)

1. Of the Department of Neuro-Physiology (Head--Prof. Jerzy
Konorski, M. D.) of the National Institute of Experimental Biology
imienia M. Nencki in Lodz.

BRUTKOWSKI, S.

①
✓ Indirect excitability of mammalian peripheral nerves. S. Brutkowsky (*Acta biol. exp. Lodz.*, 1952, 16, 139—155).—The excitability of isolated and semi-isolated mammalian nerves was studied using a method of graded mechanical stimuli. The slow rise in threshold which occurs in isolated nerve was attributed to O₂ lack.
D. F. HAWKING.

Bratkowski, S.

~~BRATKOWSKI, Stefan~~

Effect of excision of the frontal lobes on salivary conditioned reflexes in dogs. Acta physiol. polon. 5 no.4:505-507 1954.

1. Z Zakladu Neurofizjologii Inst. Biologii Doswiadczalnej im. M.Henckiego w Lodzi. Kierownik: prof. dr. J.Konorski.

(REFLEX, CONDITIONED,

eff. of frontal lobe excis. in dogs)

(FRONTAL LOBE, effect of excision,
in conditioned reflex in dogs)

BRUTKOWSKI, S.

Influence of the removal of the frontal lobes of the brain
on conditioned instinctive motion in dogs.

(Wplyw usuwania okolic czolowych polkul mozgowych na ruchowe odruchy warunkowe u psow.) Lodz, Panstwow Wydawn. Naukowe, 1955. 60. p
(Lodzkie Towarzystwo Naukowe. Wydzial III. Prace, nr. 37)

POLAND

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, no. 7, August 1956

BRUTKOWSKI, S.

Badania nad czynnoscia okolic czolowych polkul mozgowych u zwierzat. (Wyd. 1.)
Lodz (Panstwowe Wydawn. Naukowe) 1956. 101 p. (Lodzkie Towarzystwo Naukowe.
Wydzial III. Prace, nr. 45) (Studies on the function of frontal regions of
the cerebral hemispheres in animals. English and Russian summaries. 1st ed.
illus. bibl., graphs, tables)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

BRUTKOWSKI, Stefan

Critique of the physiological law all or none; works of D. N. Nasonov and of his co-workers. Postepy wiedzy med. 3 no.1: 3-35 Jan-Mar 56.

(HEART, physiology.
all-or-none (Pol))

POLAND/Human and Animal Physiology - Nervous System.
Higher Nervous System. Behavior.

T-10

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32233

Author : Brutkowski, S., Konorski, J., Lawicka, W., Stepień, I.,
Stepień, L.

Inst : -

Title : Influence of the Removal of Frontal Poles of the Cerebral
Cortex on Motor Conditioned Reflexes.

Orig Pub : Acta biol. exptl., 1956, 17, No 1, 167-188

Abstract : The influence was studied of the removal of frontal poles
(FP) in dogs on the motor conditioned reflexes (CR) of the
so-called II type, which are specially-prepared motor
combinations. Removal of *g. proreus* and *g. orbitalis* led
to weakening of cortical inhibition (release of differen-
tiation and conditioned inhibitor, appearance of inter-
signal movements, developments according to a form of
repetition) with practically-complete preservation of the

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POLAND/Human and Animal Physiology - Nervous System.
Higher Nervous Activity. Behavior.

T-10

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32233

positive CR. With a broader removal of FP (including *G. sigmoideus ant.*), the animals originally were completely disoriented and both positive and inhibited CR were absent in them; later, a tendency appeared toward persevering movements on the basis of significant impairment of the inhibited CR. After removal of FP, neuroses develop slightly. Controlled removal of the parietal poles caused no indicated impairments. Seemingly, there are localized in FP some centers the neurons of which bear a special inhibiting function. By means of these centers (usually intermediate), all developed inhibited reflexes are accomplished.

Card 2/2

BRUTKOWSKI, S.

Solving of difficult inhibitory tasks (alteration) by normal dogs and by dogs with frontal lesions. Acta physiol. polon. 8 no.3:293-295 1957.

1. Z Zakladu Neurofizjologii Instytutu Biologii Dosw. im. M. Nenckiego w Warszawie. Kierownik: prof. dr J. Konorski.

(REFLEX, CONDITIONED,

eff. of stimulus alternately reinforced by food stimulus in normal dogs & after frontal damage (Pol))

(FRONTAL LOBE, physiology,

same)

EXCERPTA MEDICA Ser 2 Vol 12/2 Physiology Feb 59

877. THE EFFECT OF PREFRONTAL LOBECTOMIES ON SALIVARY CONDITIONED REFLEXES IN DOGS - Brutkowski S. Dept. of Neurophysiol., Nencki Inst. of Exp. Biol., Warsaw - ACTA BIOL. EXP. (Lodz) 1957, 17/2 (327-337) Graphs 7 Tables 1

Prefrontal lobectomy produces disinhibition of motor inhibitory conditioned reflexes. Inhibitory salivary alimentary reflexes recorded from parotid gland fistulae are also impaired by prefrontal lobectomy, and positive reflexes unimpaired. The extent of inhibitory impairment, 70-90% inhibition of the excitatory flow, depended partly on the difficulty of the task and partly on the pre-operative character of the dog. 'Unbalanced' excitatory dogs showed a larger and more profound impairment of the inhibition after the lobectomy than did 'well-balanced' normal dogs. Excitatory salivary conditioned reflexes were uninfluenced by prefrontal lobectomy, and neither the excitatory nor inhibitory responses were altered by parietal ablations. The most profound alterations in the conditioned inhibition were produced by the more extensive pre-frontal lesions.

Kerr - Adelaide

BRUTKOWSKI, Stefan

New concepts on the structure and function of the rhinencephalon.
Postepy neur. neurochir. 4:23-50 1958

1. Instytut Biologii Doswiadczalnej im. M. Nenckiego.
(BRAIN,
rhinencephalon, review (Pol))

BRUTKOWSKI, S.; MISHKIN, M.; ROSVOLD, H.E.

Effect of injuries of orbital and dorso-lateral parts of the frontal region on conditioned inhibition reflexes in monkeys. Acta physiol.polon. 11 no.5/6:664-666 '60.

1. National Institute of Mental Health, Bethesda, U.S.A.

Kierownik: prof. H.E.Rosvold.

(REFLEX CONDITIONED)

(FRONTALLOBE physiol)

BRUTKOWSKI, S.; MISHKIN, M.; ROSVOLD, H.E.

Correlation between the lateral frontal region and the lower temporal region in serial learning of visual discrimination in monkeys. Acta physiol.polon. 11 no.5/6:666-667 '60.

1. National Institute of Mental Health, Bethesda, U.S.A.

Kierownik: prof. H.S.Rosvold.

(VISUAL PERCEPTION)

(FRONTAL LOBE physiol)

(TEMPORAL LOBE physiol)

BRUTKOWSKI, S.; FONBERG, E.; MEMPEL, E.

Angry behavior in dogs following bilateral lesions in the genual portion of the rostral cingulate gyrus. Acta biol exper 21:199-205 '61.

1. Department of Neurophysiology, Nencki Institute of Experimental Biology, Warsaw.

(DOGS) (BRAIN)

BRUTKOWSKI, Stefan

"Neuro-humoral regulations in vertebrates" by S. I. Galperin.
Reviewed by Stefan Brutkowski. Kosmos biol 10 no.6:600-604 '61.

(Galperin, S. I.) (Vertebrates) (Nervous system)

BRUTKOWSKI, S.; FONBERG, E.; KREINER, J.; MEMPEL, E.; SYCHOWA, B.

Aphagia and adipsia in a dog with bilateral complete lesion of the amygdaloid complex. Acta biol. exp. 22 no.1:43-50 '62.

1. Department of Neurophysiology, the Nencki Institute of Experimental Biology, Warsaw.

(GANGLIA BASAL physiol) (APPETITE physiol)
THIRST physiol)

FONBERG, E.; BRUTKOWSKI, S.; MEMPEL, E.

Defensive conditioned reflexes and neurotic motor reactions following amygdalectomy in dogs. Acta biol. exp. 22 no.1:51-57 '62.

1. Department of Neurophysiology, The Nencki Institute of Experimental Biology, Warsaw.

(REFLEX CONDITIONED) (GANGLIA BASAL physiol)

SALDZHA, Rolina; BRUTKOWSKI, Stefan

Extinction of food-reinforced responses after medial or lateral hypothalamic lesions. Acta biol. exp. (Warsz.) 24 no.4:213-217 1964.

1. Laboratory of Animal Physiology, University of Lodz, Lodz, Poland.

BRUTMAN, YE. I.

PA 244T29

USSR/Medicine - Dysentery

Mar 53

"The Diagnostic Significance of the Agglutination Reaction in Dysentery," Ye. I. Brutman, A. S. Bend-erskaya, D. L. Stepankovskaya, R. I. Raynerman, Odessa Inst of Epidemiol and Microbiol imeni I. Mechnikov

"Zhur Mikrobiol, Epidemiol, i Immunobiol" No 3, pp 26-27

In carrying out the agglutination reaction in the case of children infected with Flexner bacilli, one must take into account the varying dynamics of the

244T29

increase of antibodies. In the case of children, the reaction at a titer no lower than 1:200 must be regarded as diagnostic. In the case of adults, the reaction is less specific: a titer no lower than 1:400 should be regarded as significant.

244T29

BRUTMAN, Ye.I.; NIKOLAYEVA, V.L.; KREYTSEROVA, D.I.; SILAKOVA, Ye.Ya.

Clinical laboratory study of diseases which cause suspicion of
Rickettsial infection. Zhur.mikrobiol.epid.i immun. no.1:44-45
Ja '54. (MLRA 7:2)

1. Iz Odesskogo instituta epidemiologii i mikrobiologii im.
Mechnikova, kliniki infektsionnykh bolezney Instituta usover-
shenstvovaniya vrachey i portovoy laboratorii. (Rickettsia)

USSR/Virology - Chlamydozoa.

E-4

Abs Jour : Ref Zhur - Biol., No 11, 1958, 47841

Author : Vaynberg, B.G., Brutman, Ye.I., Kostenko, F.M.

Inst : - *ON LAST PAGE*

Title : Experimental Observations on the Reproduction of Trachoma Virus in the Organisms of Small Laboratory Animals and on the Study of Its Antigenic Specificity.

Orig Pub : Zh Mikrobiol, Epidemiol, i Immunobiol, No 9, 97-102 (1956)

Abstract : The work reported was aimed at the development of techniques for the detection of trachoma virus in the organism of weakly sensitive and of immune specimens based on the agglutination reactions of the virus-loaded bacteria (VLB), carried out according to B.G. Vaynberg. In addition, the authors were also interested in developing methods for the production of antisera from rabbits for the VLB reaction. The starting material used in the tests consisted of the pressed-out contents of granules produced

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USSR/Virology - Chlamydozoa.

E-4

Abs Jour : Ref Zhur - Biol., No 11, 1958, 47841

by trachoma I and trachoma II in which the trachoma antigen was detected by the VLB reaction. A mixture of exudate obtained from 2-3 patients was ground in a mortar and passed through an asbestos filter as well as filter paper. The filtrate was introduced into the cornea (C) or into the testicles of the rabbits. A total of 11 passages were made at intervals of 4-5 days; after the seventh passage the titer of the VLB reaction began to decrease, no trace of the virus being found after the ninth passage. When mice were used, the virus was injected (7-10 drops) intranasally. Reproduction was observed up to 6 passages, after which the virus disappeared. Antibodies in titers of 1:40 and 1:60, respectively, were observed in one case one month and in another case two months after a single-shot intercorneal virus injection in rabbits. Rabbit serum gives the same results as human serum in the VLB reaction. In order to improve the effectiveness

Card 2/3

USSR/Virology - Chlamydozoa.

E-4

Abs Jour : Ref Zhur - Biol., No 11, 1958, 47841

of the immunization, hyperimmunization according to Himmelfarb [TN: spelling uncertain] was practiced. In 21 of the 47 rabbits used the production of antibodies was observed; seven rabbits were found to be prolonged donors. Active rabbit serum was used together with active human serum in the VLB reaction in many tens of cases.

Из Одесского института вакцин и сывороток им. Е. И. Мечникова.
и Клинической больницы Одесского медицинского института им.
Н. И. Пирогова.

Card 3/3

- 8 -

~~BRUTMAN, B.N.; GRAMM, I.N.~~

Horizontal borehole cutting machine for pipelines. Rats. i izobr.
predl. v stroi. no.56:28-34 '53. (MIRA 9:7)
(Pipelines) (Boring machinery)

KHAIMSKIY, N.; BRUTMAN, G.; TREST, A.

The PR-5 voltameter. Radio no. 4:40 Ap '62.
(Voltameter)

(MIRA 15:4)

BRUTMAN, YE. I.

VAYNBERG, B.G.; CHERVYAKOVA, K.I.; BRUTMAN, Ye.I.; CHOPOROVA, M.I.

Filtrable forms of *Salmonella typhosa*, *Salmonella paratyphi*, and *Shigella paradysenteriae*; production and regeneration method modifying variability. Zhur.mikrobiol.epid. i immun. 28 no.3: 91-100 Mr '57.
(MLRA 10:6)

1. Iz Odesskogo instituta vaktsin i syvorotok imeni I.I.Mechnikova.
(*SALMONELLA TYPHOSA*, culture,
prod, of filtrable forms (Rus))
(*SALMONELLA PARATYPHI*, culture,
same)
(*SHIGELLA DYSENTERIAE*, culture,
same)

L 42434-65 EWT(1)/EWA(j)/EWA(b)-2 RML/JK

ACCESSION NR: AP5007998

S/0016/65/000/002/0141/0142

AUTHOR: Brutman, Ye. I.; Makarochkina, V. I.; Timanov, R. S.;
Shuryak, V. D.

TITLE: Data on salmonellosis epidemiology

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no.
2, 1965, 141-142

TOPIC TAGS: salmonellosis, Salmonella, epidemiology, contaminated
food, food poisoning

ABSTRACT: In recent years diseases of a salmonella etiology have increased markedly in Odessa, while intestinal infections have generally decreased. The most commonly isolated salmonella have been: S. typhimurium, bovis morbificans, enteritidis, anatum, london, newport, and heidelberg. The percentage of cases is equally divided among males and females with the highest incidence rate found during summer months. Patients with salmonellosis were admitted to the hospital with the following diagnoses: acute gastritis, gastroenteritis, and enteritis (45.3%), food poisoning (11.3%),

Card 1/3

L 42434-65

ACCESSION NR: AP5007998

2

dysentery (20.4%), enterocolitis and gastroenterocolitis (18.9%), and others (4.1%). In most cases the cause of disease was attributed to food products (pork, sausage, beef, duck meat, smoked fish, and others). During hospitalization of patients (average 11-12 days) salmonella was re-isolated in 52.8% of the cases and in 5.9% of these cases it was re-isolated 5-11 times. In a group of 131 patients released from the hospital, salmonella of the initial types were found in 10.7% of the cases 72-402 days after onset of disease. Salmonellosis infection of both adults and children by recovered patients or healthy carriers has been observed. This factor should be considered in establishing epidemic control measures, though consumption of salmonella infected food products still remains the leading cause of the disease. Orig. art. has: None.

ASSOCIATION: Odesskiy institut epidemiologii i mikrobiologii im. Mechnikova (Odessa Institute of Epidemiology and Microbiology); Infektsionnaya bol'nitsa (Infectious Disease Hospital); Gorodskaya sanitarno-epidemiologicheskaya stantsiya (Municipal Sanitary-Epidemiological Station)

Card 2/3

BRUT'O, Yanos [Brutio, J.]

Strengthen proletarian solidarity. Vsem. prof. dvizh. no.6:47
Je '61. (MIRA 14:7)

1. General'nyy sekretar' Tsentral'nogo soveta profsoyuzov
Vengrii.
(Trade unions--Congresses) (Hungary--Trade unions)

CZECHOSLOVAKIA

BRUTOVSKY, M; ZADUBAN, M

Institute of Experimental Biology, Slovak Academy
of Sciences, Kosice - (for both)

Prague, Collection of Czechoslovak Chemical Communi-
cations, No 2, February 1967, pp 505-516

"Use of anionite Wofatit SBW on a concentration of 10^{-3} ".

BRUTOVSKY, Milan, inz.; ZADUBAN, Milan, inz.; BANAS, Julius, inz.;
LIPTAKOVA, Gizela, prom. biol.

Contribution to the determination of ^{131}J by means of the
extraction method. Chem zvesti 19 no.6:470-474 '65.

1. Radiobiological Division of the Institute of Experimental
Biologie of the Slovak Academy of Sciences, Kosice, Kuzmanyho
12 (for Brutovsky, Zaduban and Banas). 2. Chair of Biology
of the Pavol Jozsef Safarik, Kosice, Kuzmanyho 12 (for
Liptakova). Submitted September 28, 1964.

L 38932-66

ACC NR: AP6029723

SOURCE CODE: CZ/0043/65/000/012/0925/0930

AUTHOR: Zaduban, Milan (Engineer; Kosice); Brutovsky, Milan--Prutovski, M.
(Engineer; Kosice); Banas, Julius--Banyas, Yu. (Engineer; Kosice) 3/3

ORG: Radiobiological Department, Institute of Experimental Biology, SAV, Kosice
(Radiobiologicke oddelenie Ustavu experimentalnej biologie SAV)

TITLE: Chromatographic separation of sup 131 I sup -, 131 IO sup - sub 3, and sup
131 IO sup - sub 4

SOURCE: Chemicke zvesti, no. 12, 1965, 925-930

TOPIC TAGS: paper chromatography, ion exchange, chemical separation

ABSTRACT: The separation was conducted on Whatman Paper #1, both on untreated
paper, and on paper which was treated with ferric hydroxide and barium sulfate,
and also by a liquid anion exchanger (Anex PC-Amin KM sec.). The best separation
was obtained when the paper was treated with ferric hydroxide and the following
mobile phases used: ethanol-water-conc. ammonia, 0.01 NaOH, and distilled water.
Orig. art. has: 3 figures and 2 tables. [JPRS: 34,669]

SUB CODE: 07 / SUBM DATE: 26Aug65 / ORIG REF: 002 / OTH REF: 008

Card 1/1 *HP*

BRUTOVSKY, M.; SRAIER, V.

Extraction of nitrosoruthenium (III) complexes from a nitrate medium with 30 per cent tributylphosphate. Coll Cz Chem 30 no.3:802-810 Mr '65.

1. Institut fur Kernforschung, Tschechoslowakische Akademie der Wissenschaften, Prague. Submitted October 25, 1963.

Radiobiology

CZECHOSLOVAKIA

ZADUBAN, Milan; BRUTOVSKY, Milan; LIPTAKOVA, Gizela; VINKLEROVA, Olga; Department of Radiobiology, Institute of Experimental Biology, Slovak Academy of Sciences, and Chair of Biology, Faculty of Natural Sciences, P.J. Safarik University(Oddelenie Radiobiologie Ustavu Experimentalnej Biologie Slovenskej Akademie Vied a Katedra Biologie Prirodovedeckej Fakulty Univerzity Pavla Jozefa Safarika), Kosice.

"Determination of Radioactive Iodine in Plants."

Bratislava, Biologia, Vol 21, No 8, 1966, pp 578 - 588

Abstract: The authors describe a method of measuring the activity of I^{131} in plant materials either directly or after chemical treatment. I^{131} is detected by means of scintillation detectors using beta or gamma radiation. When I^{131} is the only radioactive element present, chemical treatment of the sample is not needed; when other active elements are present, I may be determined spectrometrically or after a chemical treatment. I^{131} is extracted from plant materials by NaOH at 100°C; the extraction can be improved by ultrasonic devices. Separation-concentration methods recommended are: extraction-precipitation; ion exchange by a solid and liquid anion exchanger; chemical sorption. 7 Figures, 3 Tables, 3 1/1 Western, 5 Czech, 2 Russian references. (Ms. rec. 5 Nov 65).

SEGALOVA, Ye.Ye.; TULOVSKAYA, Z.D.; BRUTSKUS, T.K.; REBINDER, P.A.

Phase transitions of hydrates formed by the hydration of calcium
aluminates ($\text{CaO} \cdot \text{Al}_2\text{O}_3$ and $3\text{CaO} \cdot \text{Al}_2\text{O}_3$). Zhur. prikl. khim. 37 no.6:
1227-1233 Je '64.
(MIRA 18:3)

SEGALOVA, Ye.Ye.; TULOVSKAYA, Z.D.; BRUTSKUS, T.K.; REBINDER, P.A., akademik

Formation of stable and metastable hydrates in the hydration of
anhydrous calcium aluminates ($\text{CaO} \cdot \text{Al}_2\text{O}_3$ and $3\text{CaO} \cdot \text{Al}_2\text{O}_3$). Dokl.
AN SSSR 155 no.6:1379-1382 Ap '64. (MIRA 17:4)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.

BRUTSKUS, T.K.; SEGALOVA, Ye.Ye.

Mechanism of gypsum effect on the rate of portland cement
setting. Zhur.prikl. khim. 37 no. 5:1126-1130 My '64.
(MIRA 17:7)

1. Moskvoskiy gosudarstvennyy universitet.

SEGALOVA, Ye.Ye.; BRUTSKOS, T.K.

Thermographic study of interaction of calcium aluminates
($3\text{CaO} \cdot \text{Al}_2\text{O}_3$ and $\text{CaO} \cdot \text{Al}_2\text{O}_3$) with gypsum. Zhur.prizl.khim.
38 no.9:1954-1961 S 155.

(MIRA 18:11)

1. Moskovskiy gosudarstvennyy universitet.

1879 26

11006 Isochronous-isotherms of the Solution of Apatite in the H_2SO_4 - H_3PO_4 - H_2O Systems as Examples of Topochemical Kinetics, and of the Production of Superphosphate. (Russian.) E. B. Bratskus and M. L. Chepelevetski. "Izvestia Sektora Fiziko-Khimicheskogo Analiza", v. 20 (Academy of Sciences of the USSR), p. 383-388 (Q143) A1130

An experimental study. Graphs.

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Analytical control methods in the manufacture of superphosphate. M. L. Chepelevskii and R. B. Bratskii. <i>Dokl. Akad. Nauk SSSR</i> (U. S. S. R.) No. 114, 1-76 (1964).—A revised edition of standard methods used in the control lab. of the superphosphate industry. J. S. Ioffe																																																																																																							
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B-I-8

Continuous control of precipitate and Ammonia production. V. J. Vlasova, E. B. Baurkus, E. V. Palmer (Zavod. Lab., 1934, 3, 1108-1110).—Sb electrodes are applicable to the electro-titration of H_3PO_4 ; 3 breaks are observed when H_3PO_4 is titrated with milk-of-CaO, and 2 with aq. NH_3 . Apparatus is described for use under factory conditions. R. T.

ASR-5LA METALLURGICAL LITERATURE CLASSIFICATION

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1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
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Electrochemical purification of phosphoric acid. Z. A. Jora, R. B. Rozumova, and V. J. Vlasova (J. Appl. Chem., 1958, 8, 840-847).—Excess of Cu^{2+} is added to the 10% acid, and the solution electro- lysed at 50°, using a Pt anode and a Cu cathode (a.d. 0.01 amp./sq. cm.). The consumption of current necessary for elimination of As and Pb is 65–66 kw.-hr. per ton of acid. R. T.																			
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<i>ca</i> Photoelectric colorimeter and its application to analysis of fertilizers. B. V. Mikhail'chuk and E. B. Brutskus. <i>Zashchita Zemli</i>, 6, 161-71 (1967).—Construction of a compensating photoelec. colorimeter with 2 connecting Se cells and its use in the detn. of P_2O_5, SiO_2, Fe_2O_3 and NH_4 in mineral fertilizers by conventional methods are illustrated and described. Chas. Blanc																			
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Iron phosphates. E. B. Brutskus. <i>Trans. Sci. Inst. Fertilizers and Insectofungicides</i> (U. S. S. R.) No. 137, 110-26(1937).—$\text{Fe}(\text{OH})_3$, purified to remove all electrolytes, was mixed with H_3PO_4 of various concns. at 80°. $\text{FePO}_4 \cdot 3\text{H}_2\text{O}$ and $11\text{Fe}(\text{PO}_4)_2 \cdot 2.5\text{H}_2\text{O}$ were formed. The former is formed in the range of 10 to 41% P_2O_5 concn.; the latter at higher concns. The addn. of H_2SO_4 to the mixts. decreased the soly. of ferric phosphate. From the kinetics of crystn. of the Fe phosphates from supersatd. solns. in H_3PO_4, it was possible to compute the max. Fe_2O_3 content which would not interfere with the coin. process of making acid phosphate. J. S. Joffe																																																																																																																																																											
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CA The production of superphosphate from apatite with higher concentrations of H_2SO_4. M. Chepelevskii, E. Brutskiy and Z. Rodova. <i>J. Chem. Ind. (U.S.S.R.)</i> 118, No. 11, 8-16, No. 21, 3-10 (1941). If apatite is treated with H_2SO_4, $CaSO_4 \cdot \frac{1}{2}H_2O$ ppt. This favors gel formation in the pulp, and the H_2SO_4 liberated helps liberation of H_2P and decompr. of the apatite. At higher temps. or in the presence of H_2SO_4 stronger than 62.5%, $CaSO_4 \cdot \frac{1}{2}H_2O$ is converted to $CaSO_4$, which forms a crust around the apatite particles and prevents their decompr. However, it is desirable to reduce the H_2O content of the pulp by using strong acid. This can be done by mixing fresh apatite powder with pulp which has already reacted and then adding fresh concd. acid. H_2PO_4 concn. should be kept high. Variations in methods of mixing are discussed. H. M. Leicester																																																																																																							
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AMELIN, A.G.; BALEYEV, A.V.[deceased]; BRUTSKUS, Ye.B.; KEL'MAN, F.N.;
OSHEROVICH, R.Ye.; STEPANOV, M.N.; CHEPELEVETSKIY, M.L.; CHERNO-
BAYEVA, M.M.; MIKHAL'CHUK, B.V., redaktor; LEONT'YEVA, K.D., re-
dakter; SHPAK, Ye.G., tekhnicheskii redaktor.

[Methods of analyzing and controlling the production of sulfuric
acid and superphosphates] Metody analiza i kontrolya proizvedstva
sernei kisloty i superfosfata. Sost. A.G.Amelin i dr. Pod red.
B.V.Mikhal'chuka. Moskva, Gos.nauchno-tekhn. izd-vo khim. lit-ry,
1955. 159 p. (MIRA 9:5)

1. Moscow. Nauchnyy institut po udebreniyam i insektofungitsidam.
(Sulphurec acid) (Phosphates)

BRUTSKUS, E. B.

Stable and metastable phases in $\text{Al}_2\text{O}_3\text{-P}_2\text{O}_5\text{-H}_2\text{O}$ system at 80°. E. B. Brutskus (Sci. Inst. Fertilizers and Insecto-

fungicides, Moscow). *Issledovaniya po Priklad. Khim., Akad. Nauk S.S.S.R., Otdel. Khim. Nauk* 1955, 184-91.

In the system $\text{Al}_2\text{O}_3\text{-P}_2\text{O}_5\text{-H}_2\text{O}$ at 80° with concns. of P_2O_5 from 1.5% to 30% three solid phases are present: (a) $2\text{AlPO}_4 \cdot 2\text{H}_2\text{O}$, a cryst. substance in the stable phase; (b) $2\text{Al}_2\text{O}_3 \cdot 3\text{P}_2\text{O}_5 \cdot n\text{H}_2\text{O}$, an amorphous substance in the metastable phase; (c) a metastable amorphous phase (its compn. was not established), which is formed at concn. of 4.6% P_2O_5 and lower. It was assumed that under more acidic conditions (>30% P_2O_5) $\text{Al}_2\text{O}_3 \cdot 2\text{P}_2\text{O}_5 \cdot 8\text{H}_2\text{O}$ and $\text{Al}(\text{H}_2\text{PO}_4)_3$ are formed. The first 3 phosphates had a neg. temp. coeff. of soly. The soly. of $\text{AlPO}_4 \cdot 2\text{H}_2\text{O}$ sharply increased with an increase in the concn. of H_2PO_4 in the soln. The soly. curve of metastable salt b at 80° was considerably above the soly. isotherm of salt a, and it had a greater slope with an increase in the concn. of the acid. Method and app. are described.

A. P. Kotloby

Brutskiy, E. B.

The rate of solution of minerals as a property of multicomponent salt systems. M. L. Chepelevetskiy, E. B. Brutskiy, K. S. Kramov, and B. V. Yuravaya. *Zhurnal Khimicheskoy Fiziki*, 1958, 28, 10, 1958. A review of the work on the kinetics of the solution of minerals in aqueous solutions. The authors discuss the mechanism of the solution of minerals in aqueous solutions. In this review the authors add 2 instances of their own studies on the "chromo-isotherm" method in the solution of gypsum and its transformation in H_2SO_4 . They also discuss the velocity of solution of calcium in H_2SO_4 . *See also 1958, 28, 10, 1958.*

4

Chem ✓ The production of double superphosphates from apatite concentrates R. B. Brutska and G. L. Tsvinn. *Khim. Prom.* 1956, 38:4-5. Double superphosphate made from phosphorite and from apatite ($\text{Ca}_5(\text{PO}_4)_3\text{F} + 7\text{H}_3\text{PO}_4 + 2\text{H}_2\text{O} + 8\text{Ca}(\text{H}_2\text{PO}_4)_2 \cdot \text{H}_2\text{O} + \text{HF}$) differs in structure, the former

No. 7.

being porous and pulverulent, while the latter is dense, plastic, and sticky. The difference is traced to the presence of some readily decomposable carbonates in the phosphorite, and the CO_2 evolving during the acid treatment penetrates the whole reacting acid-rock mixt. and makes it porous. The superphosphate production from apatite concentrates was accordingly modified by the addition of 3% limestone or chalk to the apatite (or 1% of the double superphosphate made). The apatite concentrate and 110% of the calcd. amt. of H_3PO_4 (contg. 51-2% P_2O_5 , titrated to the Na_2HPO_4 end point) are mixed at 50-60° for 5 min. in a vertical mixer at 5 m./sec. peripheral speed, the mixt. is transferred to a horizontal mixer to which the limestone is added, and mixed for 1.5 min. (at 1.5 m./sec. peripheral speed), and the superphosphate ripened for 15 days at 45-70° in the reaction chamber, after which it is ripened for 2 weeks in storage at a temp. of 45-70°. W. M. Stenberg

Sci. INST FOR FERTILIZERS + INSECTOFUNGICIDES im.
Ya. V. Samoylov

Brutskus, Ye.

AUTHORS: Vol'fkovich, S., Academician, Brutskus, Ye., 32-11-60/60
Mikhal'chuk, B. (Scientific-Editorial Council of the Periodical
"Zavodskaya Laboratoriya").

TITLE: Mark L'vovich Chepelevetskiy. On the Occasion of his 60th Birthday
(Mark L'vovich Chepelevetskiy. K 60-letiyu so dnya rozhdeniya).

PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 11, pp. 1399-1400 (USSR).

ABSTRACT: On October 16, 1957, Mark L'vovich Chepelevetskiy celebrated his
60th birthday. He is Doctor of Chemical Sciences, professor, and
specialist in the following fields: analytical chemistry, modern
methods of physical-chemical analysis and their application in che=
mical technology. He finished his studies at the technological fa=
culty of the agricultural institute imeni Plekhanov, where he was
then appointed assistant to the professor for analytical and anor=
ganic chemistry Shilov. At present he has the chair for analytical
chemistry at the institute for chemical technology imeni M. V. Lomo=
nosov, and for the past 20 years he has been a member of the edito=
rial council of the periodical "Zavodskaya Laboratoriya". He is
the author of more than 50 scientific papers on the production pro=
cesses of phosphorus-manures and salts and on new methods of analy=
sis. He was the first to find out that the ion exchange of haloid

Card 1/2

Mark L'vovich Chepelevetskiy. On the Occasion of his 60th Birthday. 32-11-60/60

ions in the solution of lycopodium-haloid salts with the carbon anionite (HCO_3^- - content) leads to the renewed reaction of the formation of insoluble carbonates. He suggested the following methods: Examination of the kinetic equation for the velocity of the formation and growth of crystals by measuring the duration of the latent crystallization periods; the "phototurbidimetric" indication method of the point of equivalence in titration; - various analyses of manure etc. Importance is attached to his works concerning the development of the theories of Kurnakov in the field of the dissolution of solid substances in acids.

ASSOCIATION: Scientific-Editorial Council of the Periodical "Zavodskaya Laboratoriya". Scientific Institute for Fertilizers & Insecticides (Nauchno-redaktsionnyy sovet zhurnala "Zavodskaya Laboratoriya". Nauchnyy Institut po udobreniyam i insektofungisidam).

AVAILABLE: Library of Congress.

Card 2/2

CHEPELEVETSKIY, Mark Leybovich, prof.; BRUTSKUS, Yelena Borisovna;
SOKOLOVSKIY, A.A., red.; LUR'YE, M.S., tekhn.red.

[Superphosphate; physicochemical production principles]
Superfosfat; fiziko-khimicheskie osnovy proizvodstva. Moskva,
Gos.nauchno-tekhn.izd-vo khim. lit-ry, 1958. 272 p. (MIRA 12:2)
(Phosphates)

BRUTSKUS, Ye.B.; CHEPELEVETSKIY, M.L.

Water - salt systems including orthophosphates. Itogi
nauki: Khim.nauki 4:109-121 '59. (MIRA 13:4)
(Systems (Chemistry)) (Phosphates)

KURTEVA, O.I.; BRUTSKUS, Ye.B.

Solubility of calcium sulfate in a mixture of acids $H_3FO_4 + H_2SO_4$
and $H_3PO_4 + H_2SiF_6$. Zhur.prikl.khim. 34 no.8:1714-1722 Ag
'61. (MIRA 14:8)

(Calcium sulfate)
(Solubility)

KEL'MAN, Faina Natanovna; BRUTSKUS, Yelena Borisovna; OSHEROVICH,
Rakhil' Khaymovna. Prinimali uchastiye: GERBURT, Ye.V.;
MIKHAYL'CHUK, B.V.; SHPAK, Ye.G., tekhn. red.

[Methods of analysis in the control of the production of
sulfuric acid and phosphorous fertilizers] Metody analiza
pri kontrole proizvodstva sernoi kisloty i fosfornykh
udobrenii. Moskva, Goskhimizdat, 1963. 351 p.

(MIRA 17:2)

KEL'MAN, Faina Natanovna; BRUTSKUS, Yelena Borisovna; OSHEROVICH,
Rakhil' Khaimovna; MIKHAIL'CHUK, B.V., red.; ODERBERG,
L.N., red.

[Analysis methods in the production control of sulfuric
acid and phosphorous fertilizers] Metody analiza pri
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Four-component system $\text{MgO} - \text{NH}_3 - \text{P}_2\text{O}_5 - \text{H}_2\text{O}$ at 75°C.

Trudy NIIEF no.20842-55 '65.

(MIRA 18:11)

BRUTUS, L., kand. ekon. nauk, glav. red.; ANTONS, R., red.; POLISINSKI, U., red.;
KAGANOVITS, I., kand. ekon. nauk, red.; KULL, E., kand. ekon.
nauk, red.; MUREL, R., red.; RANNIK, E., red.; VINT, E.,
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red.; RAUD, A., red. [deceased]; TULP, L., red.;
KIVILA, H., red.; RIISEBERG, A., tekhn. red.

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BRUTSKUS, T.K.; SEGALOVA, Ye.Ye.

Effect of gypsum additions on the hydration and structure formation
of tricalcium aluminate. Koll.zhur. 26 no.1:11-16 Ja-F '64.
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L 46002-66 EWT(m)/EWP(k)/EWP(t)/ELI IJP(c) JD/JT

ACC NR: AR6028426

SOURCE CODE: UR/0137/66/000/005/B014/B014

AUTHOR: Brutskus, Yu. K. ; Leonov, V. I.

TITLE: Inductive vacuum melting furnaces of small and medium capacity

SOURCE: Ref. zh. Metallurgiya, Abs. 5B85

REF SOURCE: Elektrotermiya, Nauchno-tekhn. sb., vyp. 47, 1965, 18-21

TOPIC TAGS: vacuum furnace, induction furnace, melting furnace, heat resistant alloy

ABSTRACT: Vacuum induction batch furnaces have been developed at the Special Design Bureau of the All-Union Scientific Research Institute of Electrothermal Equipment (SKB VNIETO) for obtaining ingots from specialty steel and heat resistant alloys. The furnaces which have capacities of 10, 60, and 160 kg, are within standard dimensions of vacuum induction melting furnaces. Technical specifications of these furnaces are presented and their mode of operation and design features are described. V. Pryanikova. Orig. art. has: 2 figures. [Translation of abstract] [NT]

SUB CODE: 13/

Card 1/1 ULR

UDC: 669:621.745.31:621.365.4

USSR/Farm Animals. Rabbits.

Q-3

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101233

Author : Brutyan, A.S.

Inst : Yerevan Zootechnical Veterinary Institute.

Title : Defensive Properties of the Organism of Rabbits
Fed with Slimy Feeds and Feeds Treated with
Chalk (Preliminary Report).

Orig Pub: Tr. Yerevansk. zootekhn.-vet. in-ta, 1957, vyp.
21, 283-290

Abstract: Carbide slime which is obtained from Ca carbide
treated with water, contains major and minor
trace elements, and serves as a valuable addi-
tional mineral nutrient for animals. Rabbits
were given daily doses of 3, 4, and 5 g of slime
per head. In the blood serum of test rabbits,

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USSR/Farm Animals. Rabbits.

Q-3

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101233

increases of 0.76-0.87 percent of the total protein content (albumin and globulin) were observed. Also, acceleration of phagocytic activity of leukocytes was observed as compared to rabbits which were given chalk.

Card 2/2

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